

EAST Search History (Prior Art)

/DC/ - 2/5/2010

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1478	(106/218,219).CCL.S	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/05 12:20
L9	91	7 and "162"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/05 12:20
L10	0	9 and (dextrin cyclodextrin maltodextrin octenylsuccinic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/05 12:21
S1	35	hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and powder and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 14:36
S2	1	("20020117278").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 15:20
S3	1	WO-0148024-\$.did.	EPO; DERWENT	OR	ON	2010/02/02 15:21
S4	2	EP-251132-\$.did.	EPO; DERWENT	OR	ON	2010/02/02 15:21
S5	392	paper near3 improver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:34
S7	2531	paper near10 (bulky bulking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:35
S8	17229	paper and (cationic near5 (polymer co\$1polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:36
S9	25587	paper and (dextrin cyclodextrin maltodextrin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:36

EAST Search History (Prior Art)

S10	19	S5 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:36
S11	64	S5 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:36
S12	7	S5 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:36
S13	2	S10 and S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:37
S14	6	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:37
S15	2	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 15:37
S16	2057	(emulsifier emulsifying dispersant) with ((sizing hydrophobic) near3 (additive agent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 16:56
S17	2070	(emulsifier emulsifying dispersant) with (cationic near3 (polymer co\$1polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 16:57
S18	92	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 16:57
S19	11	S18 and saccharide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 16:57

EAST Search History (Prior Art)

S21	31	S18 and ((methyl ethyl propyl butyl dimethyl diethyl dipropyl dibutyl alkyl dialkyl) adj (acrylate methacrylate acrylamide methacrylamide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 17:02
S22	217	(saccharide dextrin cyclodextrin maltodextrin) with ((sizing hydrophobic near3 (additive agent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 17:15
S23	14	S22 and (saccharide with (dextrin cyclodextrin maltodextrin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 17:16
S24	0	S21 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/02 17:16
S25	2	("20060137844").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/02 18:45
S26	2673	(fatty adj acid) and ((fatty adj acid) near3 ester) and (cationic near3 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 09:43
S27	108	S26 and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 09:43
S28	75	S27 and (monomer same ((methyl ethyl propyl butyl alkyl isopropyl) adj (acrylate methacrylate acrylamide methacrylamide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 09:43
S29	35	hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and powder and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 09:43

EAST Search History (Prior Art)

S30	56	((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and (powder granule granulated) and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:02
S31	24	S30 and (monomer same ((methyl ethyl propyl butyl alkyl isopropyl) adj (acrylate methacrylate acrylamide methacrylamide)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:03
S32	32	S30 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:14
S33	243	((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:32
S34	172	S33 and (powder granule granulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:33

EAST Search History (Prior Art)

S35	56	((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and (powder granule granulated) and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:33
S36	116	S34 not S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:33
S37	74	hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:52
S38	70	S37 and ((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:53
S39	35	hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and powder and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:53
S40	30	S38 not (S39 S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 10:53
S41	0	S40 and (nonionic near5 monomer) and (cationic near5 monomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 11:02

EAST Search History (Prior Art)

S42	2	S40 and (non\$1ionic near5 monomer) and (cationic near5 monomer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 11:03
S43	0	(hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and powder and (particle adj (diameter size)) and papermaking).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:18
S44	0	((((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:19
S45	3922	(162/158,164.1,164.4,164.6,168.2,173). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/03 12:20
S46	161	(162/185).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/03 12:21
S47	60	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:21
S48	243	((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:22

EAST Search History (Prior Art)

S49	74	hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and (particle adj (diameter size)) and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:22
S50	1	S47 and (S48 S49)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/03 12:22

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2241	(Mayahara-T\$ Kubota-K\$ Hiraishi-A\$ Kozuka-J\$ Kawaguchi-T\$ Noro-H\$ Sato-H\$). in.	US-PGPUB; UPAD	OR	ON	2010/02/05 12:13
L2	40	I1 and (dextrin maltodextrin cyclodextrin octenylsuccinic)	US-PGPUB; UPAD	OR	ON	2010/02/05 12:14
L3	15	I2 and (paper (pulp adj sheet))	US-PGPUB; UPAD	OR	ON	2010/02/05 12:14
L4	1	I2 and (((making manufacturing producing production) near3 (paper (pulp adj sheet))))	US-PGPUB; UPAD	OR	ON	2010/02/05 12:16
L5	35	((powder\$2 pulverant) and ((add\$3 mix\$3 combin\$3) near5 (pulp slurry suspension slush)) and (dextrin maltodextrin cyclodextrin octenylsuccinic)).clm.	US-PGPUB; UPAD	OR	ON	2010/02/05 12:16
L6	4	I5 and (((making manufacturing producing production) near3 (paper (pulp adj sheet))))	US-PGPUB; UPAD	OR	ON	2010/02/05 12:17
S51	0	((((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking).clm.	USPAT; UPAD	OR	ON	2010/02/03 12:19
S52	0	(hydrophobic and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and powder and (particle adj (diameter size)) and papermaking).clm.	USPAT; UPAD	OR	ON	2010/02/03 12:19

EAST Search History (Interference)

S53	0	((((organopolysiloxane polydimethylsiloxane silane polysiloxane) (hydrophobic near5 amine) (hydrophobic near5 (amineacid aminoacid)) (hydrophobic near5 (quaternary adj ammonium)) (hydrophobic near5 imidazole) hydrocarbon wax (hydrophobic near5 alcohol) ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking).clm.	US-PGPUB; UPAD	OR	ON	2010/02/05 11:34
S54	0	((((organopolysiloxane polydimethylsiloxane silane polysiloxane amine amineacid aminoacid (quaternary adj ammonium) imidazole hydrocarbon wax alcohol ((aliphatic hydrophobic) near5 (acid adj amides)) ((aliphatic hydrophobic) near5 (acid near2 (amideamines aminoamide amidoamine))) rosin (alkenylsuccinic adj acids)) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking).clm.	US-PGPUB; UPAD	OR	ON	2010/02/05 11:39
S55	0	(hydrophobic near3 (compound material additive) and (cationic near5 (polymer co\$1polymer)) and (dextrin cyclodextrin maltodextrin) and papermaking).clm.	US-PGPUB; UPAD	OR	ON	2010/02/05 11:40